



Coastal Protection and
Restoration Authority of Louisiana

Oyster Bayou Marsh Restoration (CS-59)

Kodi Collins, P.E.
Engineering Division
May 6, 2014



committed to **our coast**

PROJECT BACKGROUND

- CWPPRA PPL 21
- NOAA's National Marine Fisheries Service (NMFS) is the Federal Sponsor
- CB&I - Design Consultant
- Create 510 acres of marsh
- Nourish 90 acres of saline marsh
- Create approximately 17,550 LF of earthen terraces
- Engineering and Design: Underway
- Phase 2 Funding Request: December 2014



PROJECT VICINITY MAP



Notes:

1. Coordinates are in feet based on the Louisiana State Plane Coordinate System, South, North American Datum of 1983 (NAD 83).
2. 2007 background imagery is from Microsoft.

Legend:

-  Oyster Bayou Restoration Project
-  Oyster Bayou Borrow Area

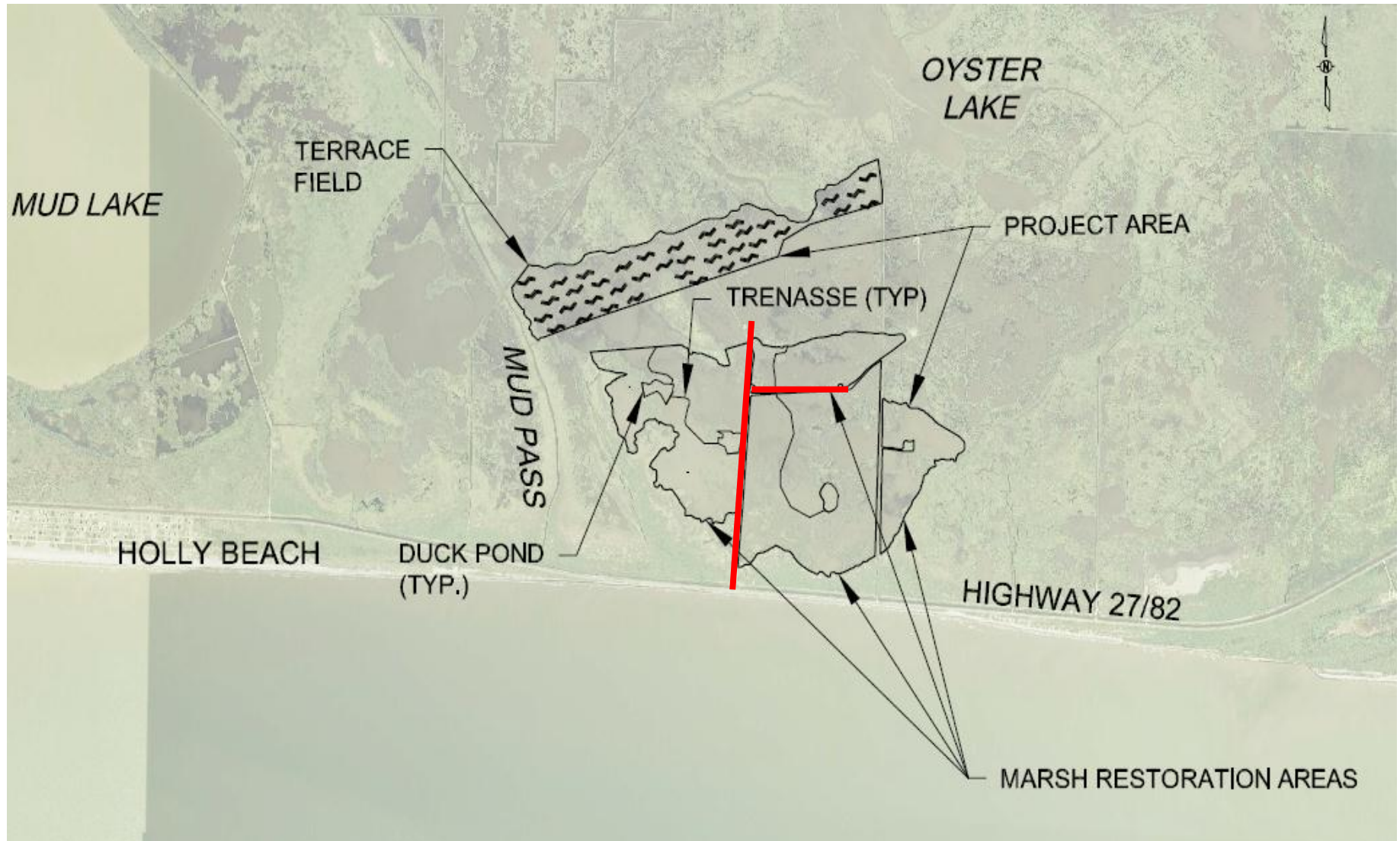


Coastal Planning & Engineering, Inc.
A CB&I Company
2481 N. W. Boca Raton Blvd.
Boca Raton, FL 33431
Ph. (561) 391-8102
Fax (561) 391 9116

Title:

Project Overview
Oyster Bayou Marsh Restoration Project CS-59
Cameron Parish, Louisiana

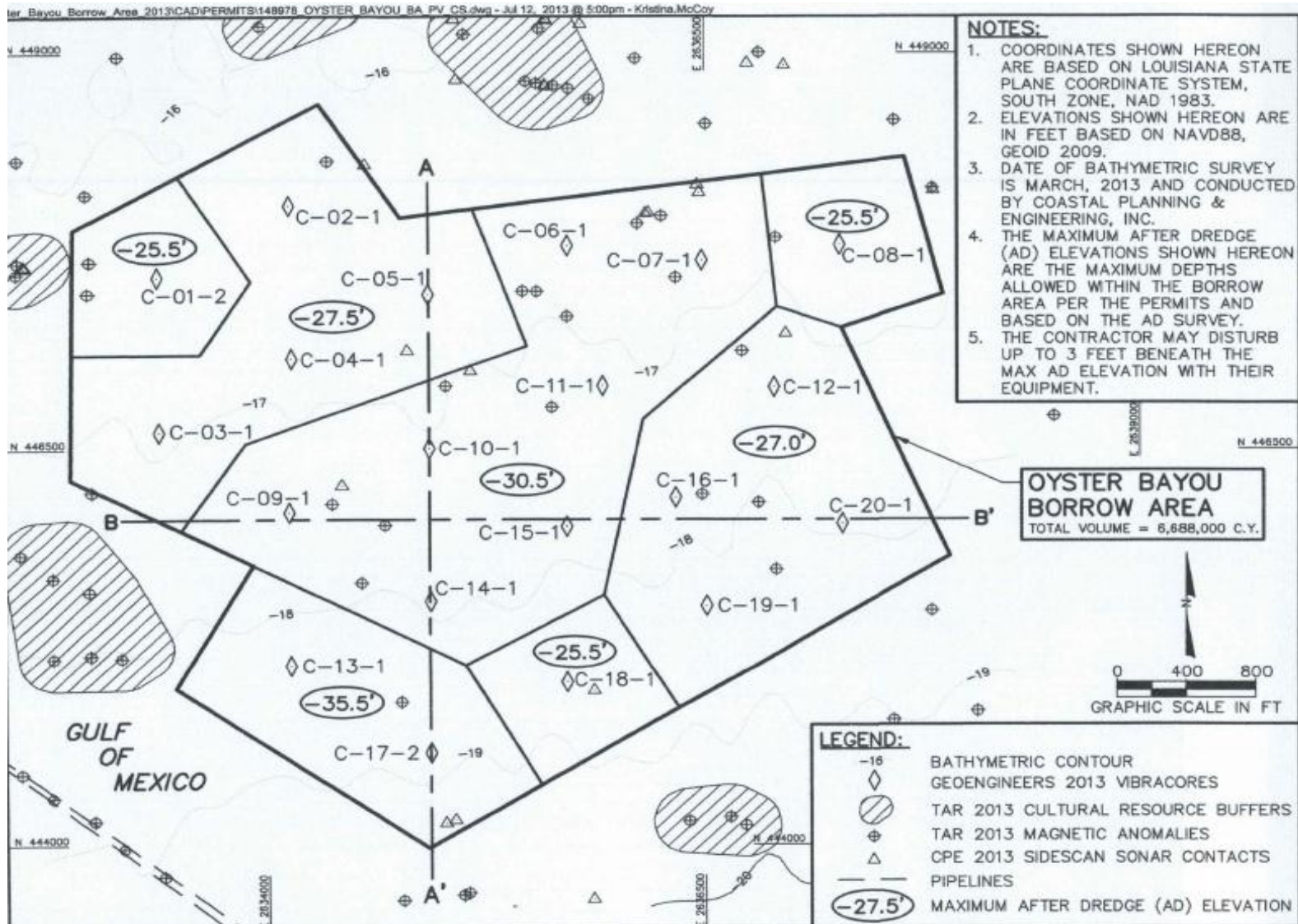
PROJECT LAYOUT



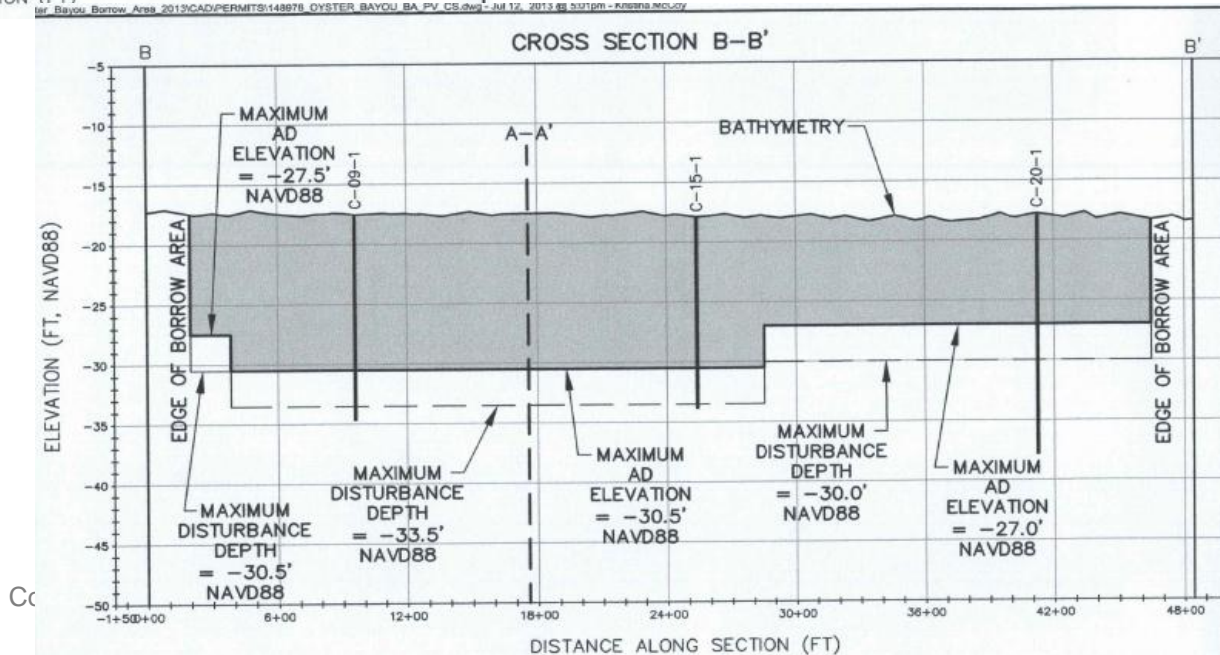
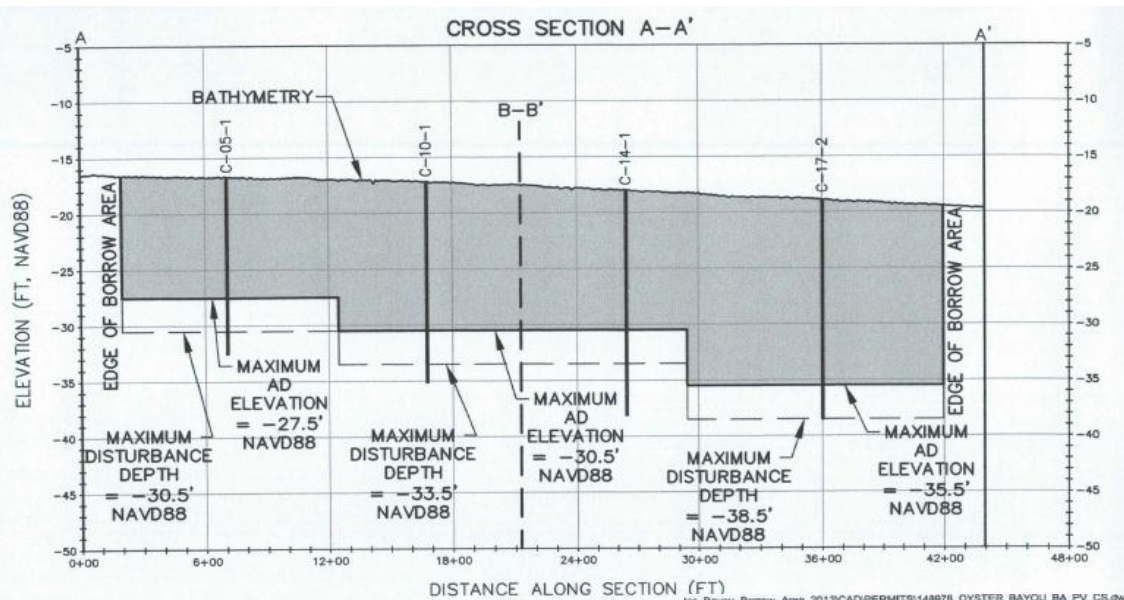
PROJECT AREA CROSSING



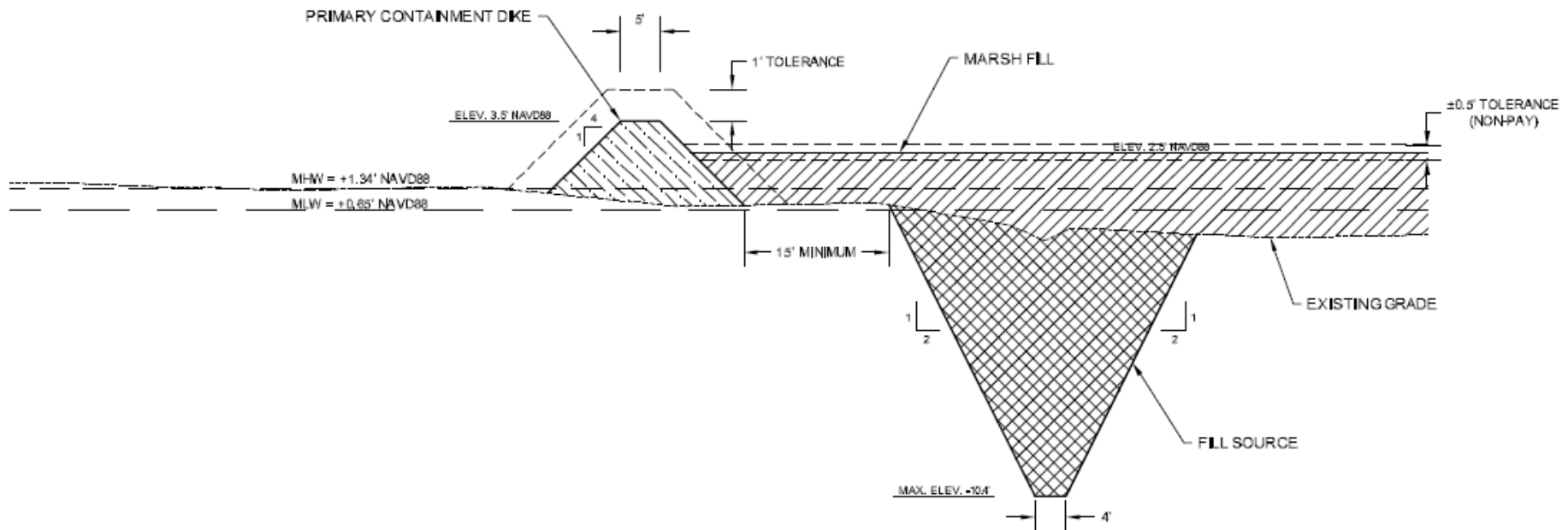
BORROW AREA



BORROW AREA



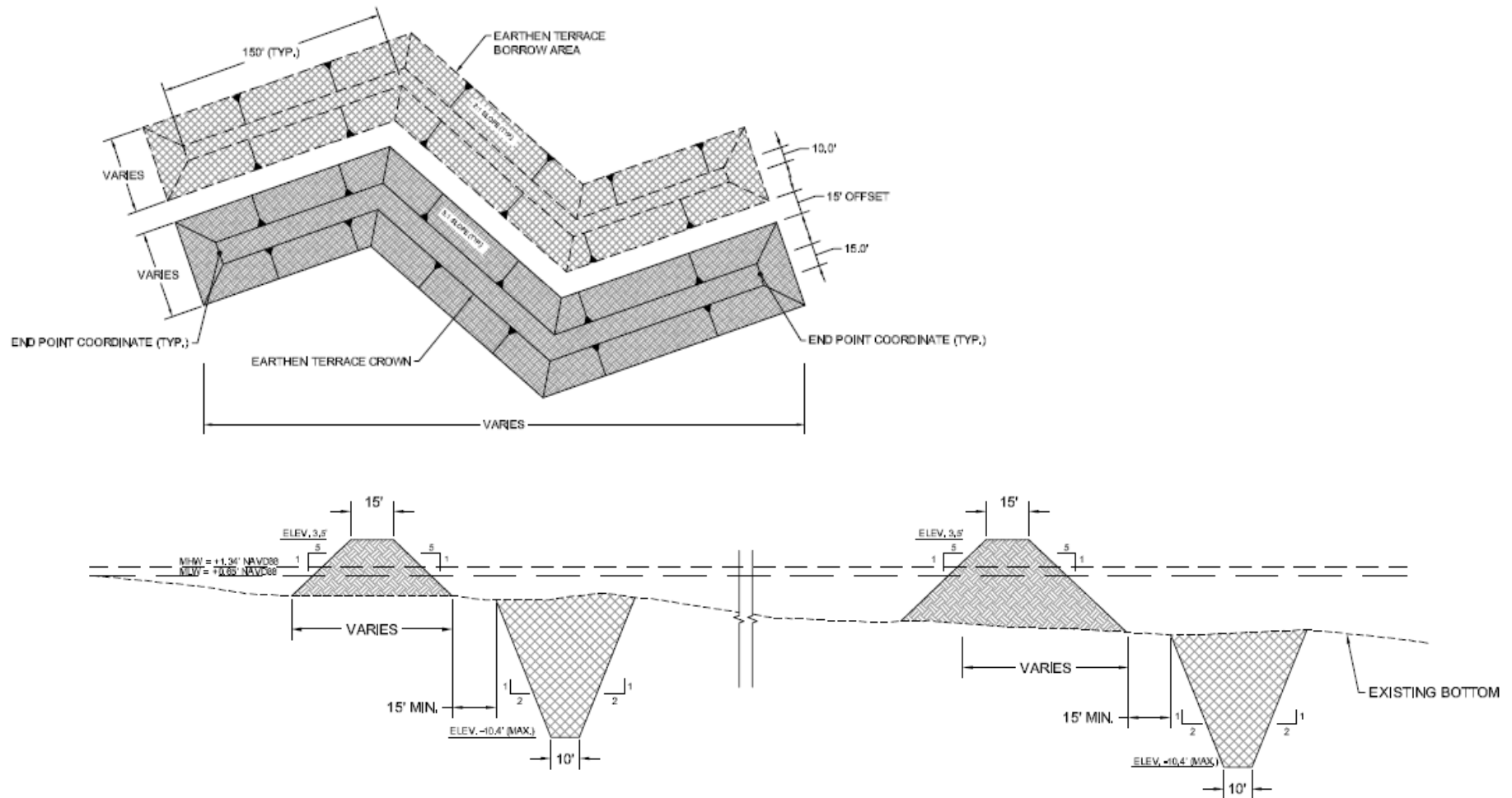
/CONTAINMENT DIKE TYPICAL SECTION



TYPICAL PRIMARY CONTAINMENT DIKE SECTION

NOT TO SCALE

EARTHEN TERRACE TYPICAL SECTION



TYPICAL EARTHEN TERRACE CROSS SECTION

NOT TO SCALE

SUMMARY OF ESTIMATED QUANTITIES

- Marsh Fill/Marsh Nourishment: 3.7 MCY (cut)
- Containment Dikes: 45,260 linear feet
- Earthen Terraces: 17,550 linear feet
- Pumping Distance: 5.5 miles (maximum)

QUESTIONS